

CLAIMS

What is claimed is:

1. A telephone system comprising:

at least one cellular telephone unit adapted for mobile cellular tele-

5 phone communications;

a land line telephone wiring circuit adapted to telephonically link tele-
phonic devices;

at least one land line-based telephone unit coupled to said land line
telephone wiring circuit, said land line-based telephone unit adapted for land
10 line telephone communications; and

a mobile converter coupled to said cellular telephone unit and to said
land line telephone wiring circuit, said mobile converter being adapted to
convert designated cellular signals from said cellular telephone unit into sig-
nals compatible with land line telephone service for use by said land line-
15 based telephone unit; and

a land line converter coupled to said land line telephone unit and to
said land line telephone wiring circuit, said land line converter being adapted
to convert designated land line signals from said land line telephone unit into
signals compatible with cellular telephone service for use by said cellular
20 telephone unit;

wherein said telephone system relies upon cellular service as a communication carrier.

2. The system in Claim 1, wherein said land line converter comprises a dial tone generator adapted to generate dial tones for use by said land line-based telephone unit, when said land line-based telephone unit is in the "off-hook" condition.

3. The system in Claim 1, wherein said land line converter comprises a ring generator adapted to generate ring signals for use by said land line-based telephone unit.

4. The system in Claim 1, wherein said mobile converter comprises a Call Waiting tone converter adapted to convert Call Waiting tones received from said cellular telephone unit into signals compatible with land line service for use by said land line-based telephone unit.

5. The system in Claim 1, wherein said mobile converter comprises a Message Waiting tone converter adapted to convert Message Wait-

ing tones received from said cellular telephone unit into signals compatible with land line service for use by said land line-based telephone unit.

6. The system in Claim 1, wherein said land line converter comprises a Dual Tone Multi-frequency (DTMF) converter for converting DTMF signals received from said land line-based telephone unit to signals compatible with cellular telephone service for use by said cellular telephone unit.

7. The system in Claim 1, wherein said land line converter comprises a "flash" signal converter for converting "flash" signals received from said land line-based telephone unit to signals compatible with cellular telephone service for use by said cellular telephone unit.

8. The system in Claim 1, wherein said land line converter comprises an "end of dial" signal converter for converting "end of dial" signals received from said land line-based telephone unit to signals compatible with cellular telephone service for use by said cellular telephone unit.

9. The system in Claim 1 further comprising a plurality of cellular telephone units, one being a master unit, and the others being slave units.

10. The system in Claim 9 wherein said cellular telephone units
5 have different calling line identification numbers.

11. The system in Claim 1, further comprising a land line power source adapted to supply power to said land line telephone units, compatible with land line telephone service.

12. In a telephone system, a method of telephonic communication comprising the steps of:

providing at least one cellular telephone unit adapted for mobile cellular telephone communications;

15 via a land line telephone wiring circuit, telephonically linking a plurality of telephonic devices;

providing at least one land line-based telephone unit coupled to said land line telephone wiring circuit, said land line-based telephone unit adapted for land line telephone communications;

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via a mobile converter coupled to said cellular telephone unit and to said land line telephone wiring circuit, converting designated cellular signals from said cellular telephone unit into signals compatible with land line telephone service for use by said land line-based telephone unit;

5 via a land line converter coupled to said land line telephone unit and to said land line telephone wiring circuit, and converting designated land line signals from said land line telephone unit into signals compatible with cellular telephone service for use by said cellular telephone unit; and

said telephone system relying upon cellular service as a communication carrier.

10 13. The method in Claim 12, further comprising the step of, via said land line converter, generating dial tones for use by said land line-based telephone unit, when said land line-based telephone unit is in the “off-hook”
15 condition.

14. The method in Claim 12, further comprising the step of, via said land line converter, generating ring signals for use by said land line-based telephone unit.

15. The method in Claim 12, further comprising the step of, via said mobile converter, converting Call Waiting tones received from said cellular telephone unit into signals compatible with land line service for use by said land line-based telephone unit.

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16. The method in Claim 12, further comprising the step of, via said mobile converter, converting Message Waiting tones received from said cellular telephone unit into signals compatible with land line service for use by said land line-based telephone unit.

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17. The method in Claim 12, further comprising the step of, via said land line converter, converting Dual Tone Multi-frequency (DTMF) signals received from said land line-based telephone unit to signals compatible with cellular telephone service for use by said cellular telephone unit.

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18. The method in Claim 12, further comprising the step of, via said land line converter, converting "flash" signals received from said land line-based telephone unit to signals compatible with cellular telephone service for use by said cellular telephone unit.

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19. The method in Claim 12, further comprising the step of, via said land line converter, converting "end of dial" signals received from said land line-based telephone unit to signals compatible with cellular telephone service for use by said cellular telephone unit.

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20. The method in Claim 12, further comprising the step of providing a plurality of cellular telephone units, one being a master unit, and the others being slave units.

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21. The method in Claim 20 wherein said cellular telephone units have different calling line identification numbers.

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22. The method in Claim 12, further comprising the step of, via a land line power source, supplying power to said land line telephone units, compatible with land line telephone service.

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